

Title (en)  
ROTOR OF AN ELECTRIC MOTOR AND MANUFACTURING METHOD OF SAME

Title (de)  
ROTOR FÜR EINEN ELEKTROMOTOR UND FERTIGUNGSMETHODE DAFÜR

Title (fr)  
ROTOR D'UN MOTEUR ÉLECTRIQUE ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 2577847 A2 20130410 (EN)**

Application  
**EP 11740714 A 20110603**

Priority  
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Abstract (en)  
[origin: WO2011151713A2] A rotor (10) of an electric motor is provided in which a cylindrical rotor core (16) that is formed by stacked magnetic steel sheets (19) and includes permanent magnets (24) is crimp-fixed to a rotor shaft (14). The rotor core (16) is directly fixed, in the axial direction of the rotor shaft (14), between a flange portion (12) that is provided on an outer periphery of the rotor shaft (14) and abuts against one axial end surface (17a) of the rotor core (16), and a crimping member (18) that is crimp-fixed on the rotor shaft (14) while pressure-contacting the other axial end surface of the rotor core (16).

IPC 8 full level  
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